

WHAT IS CLAIMED IS:

1. A method of automatically learning control sequences associated with a plurality of computer application programs, comprising:
 - 5 supplying a data structure;
 - extracting a first set of control sequences from a first computer application program;
 - extracting a second set of control sequences from a second computer application program; and
- 10 loading said first set of control sequences and said second set of control sequences into said data structure.
2. The method of claim 1 further comprising the step of executing said first set of control sequences, said executing step including:
 - 15 using said first set of control sequences to open said first computer application program;
 - using said first set of control sequences to perform a subroutine of said first computer application program; and
 - using said first set of control sequences to close said computer application program.
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3. The method of claim 1 further comprising:
 - including a graphical user interface to prompt a user for selected control sequences.
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4. The method of claim 3 further comprising:
 - including a spread sheet in said graphical user interface.
5. The method of claim 1 wherein said first set of control sequences includes a
- 30 control sequence to run said first computer application program.

6. The method of claim 1 wherein said first set of control sequences includes a control sequence to open said first computer application program.
7. The method of claim 1 wherein said first set of control sequences includes a control sequence to close said first computer application program.
8. The method of claim 1 wherein said first set of control sequences includes a control sequence to open a document within said first computer application program.
- 10 9. The method of claim 1 wherein said first set of control sequences includes a control sequence to print a document associated with said first computer application program.
- 15 10. The method of claim 1 wherein said first set of control sequences includes a control sequence to close a document associated with said first computer application program.
11. A computer program product for use in conjunction with a computer system, the computer program product for automatically learning control sequences of a plurality of computer application programs, the computer program product comprising a computer readable storage medium and a computer program mechanism embedded therein, the computer program mechanism comprising:
- 20 a data structure;
- instructions to extract a first set of control sequences from a first computer application program;
- 25 instructions to extract a second set of control sequences from a second computer application program; and
- instructions to load said first set of control sequences and said second set of control sequences into said data structure.
- 30 12. The computer program product of claim 11 further comprising a second computer program mechanism, including:

instructions to use said first set of control sequences to open said first computer application program;

instructions to use said first set of control sequences to perform a subroutine of said first computer application program; and

5 instructions to use said first set of control sequences to close said first computer application program.

13. The computer program product of claim 11 further comprising:
instructions to display a graphical user interface.

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14. The computer program product of claim 13 further comprising:
instructions to include a spread sheet in said graphical user interface.

15. The computer program product of claim 11 wherein said first set of control
15 sequences includes a control sequence to run said first computer application program.

16. The computer program product of claim 11 wherein said first set of control
sequences includes a control sequence to open said first computer application
program.

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17. The computer program product of claim 11 wherein said first set of control
sequences includes a control sequence to close said first computer application
program.

25 18. The computer program product of claim 11 wherein said first set of control
sequences includes a control sequence to open a document associated with said first
computer application program.

19. The computer program product of claim 11 wherein said first set of control
30 sequences includes a control sequence to print a document associated with said first
computer application program.

20. The computer program product of claim 11, wherein said first set of control sequences includes a control sequence to close a document associated with said first computer application program.
- 5 21. The computer program product of claim 11, wherein said instructions to extract a first set of control sequences from a first computer application program further include instructions to detect whether said first computer application program includes a graphical user display with a menu bar.
- 10 22. The computer program product of claim 21, wherein said instructions to extract further include instructions to extract a first control sequence corresponding to a second control sequence executed when menu items are selected from said menu bar.

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